First Last

(xxx) xxx-xxxx — xyz@example.com — github.com/xyz — xyz-portfolio.vercel.app

Education

Drexel University, Philadelphia, PA **Expected Graduation: June 20**xx
Bachelor of Science: Computer Engineering — Minor: Software Engineering

Relevant Coursework: Computer Organization, Data Structures & Algorithms, Software Development, Advanced Programming, Discrete Mathematics, Linear Algebra, Digital Logic Design

Projects

Invoicing System — Full Stack Developer **July 20**xx **– Current**

- Built a full-stack invoicing app using HTML, CSS, JavaScript, and Python enabling 20+ customers to generate and download PDF invoices.
- Engineered PostgreSQL database integration with auto-numbered invoice tracking, reducing manual data entry errors by 25%.
- Designed RESTful API endpoints for invoice creation, retrieval, and customer management, ensuring backend functionality.
- Configured CI/CD pipelines with GitHub Actions and deployed via Vercel, reducing build-to-deploy time by 80% and achieving zero downtime.

Class Task Scheduler — JavaScript Developer **Aug 20**xx **– Current**

- Developed a responsive scheduling web app using HTML, CSS, and Javascript that integrates Google and Outlook APIs to centralize coursework and assignment tracking, reducing missed deadlines by 30%.
- Built a Firebase-backed task management system with real-time persistence, supporting 200+ recurring task and 50+ courses
- Added .ics export and dynamic task filtering features, improving user organization efficiency and reducing manual calendar input time.

Medical Robotics for Surgery — Vision Engineer **April 20**xx **– July 20**xx

- Developed a real-time pill tracking system using MATLAB image analysis and magnetic field simulation, enabling a robotic arm to follow pill path for surgical navigation — improved tracking precision by 10%.
- Designed and tuned PID control loops on Arduino for four stepper motors, improving tracking precision and system responsiveness by 10%.
- Collaborated with 2 cross-functional engineers to integrate image analysis and motor control systems into a functioning surgical guidance prototype.

Work Experience

Weber Display Packaging *Mar 20*xx *– Sept 20*xx
Logistics Software Intern *Philadelphia, PA*

- Leveraged KiwiPlan ERP remotely via PuTTY/SSH, executing CLI commands to process and validate 50+ bills of lading daily, improving accuracy by 15% and reducing data-entry time by 20%.
- Automated backend trailer load transfers for 20+ trailers per shift, streamlining dispatch coordination and achieving a 98% on-time delivery rate while cutting routing errors by 20%.
- Optimized cross-department workflows by identifying repetitive manual steps and applying shortcut-driven task sequences, reducing processing time for box delivery operations by 12%.

Technical Skills

Programming Languages: Python, JavaScript/TypeScript, C/C++, Java, HTML, CSS, Bash, MATLAB
Frameworks & Libraries: Flask, Django, RESTful APIs, React, Node,js, Angular, Tailwind
Software & Tools: Linux, Docker, Kubernetes, Git & GitHub, CI/CD, VS Code, IntelliJ
Data/ML: SQL, PostgreSQL, TensorFlow, Scikit-Learn